

Col. R. basalt

RESERVOIR SEDIMENTATION DATA SUMMARY

Roy T. Wood Pond

76-6

NAME OF RESERVOIR  
Unnamed tributary of

DATA SHEET NO.

DAM	1. OWNER Roy T. Wood			2. RIVER Clearwater River		3. STATE Idaho		
	4. SEC. 19 TWP. 33N RANGE 1W			5. NEAREST TOWN Lewiston		6. COUNTY Lewis		
	7. STREAM BED ELEV.			8. TOP OF DAM ELEV.		9. SPILLWAY CREST ELEV.		
RESERVOIR	10. STORAGE ALLOCATION	11. ELEVATION TOP OF POOL	12. SURFACE AREA ACRES	13. STORAGE ACRE- FEET	14. ACCUMULATED ACRE-FEET	15. DATE STORAGE BEGAN		
	a. FLOOD CONTROL					1946		
	b. POWER							
	c. WATER SUPPLY		0.86	4.22	4.22	16. DATE NORMAL OPER. BEGAN		
	d. IRRIGATION							
	e. CONSERVATION							
	f. INACTIVE					1946		
WATERSHED	17. LENGTH OF RESERVOIR .04 MILES			AV. WIDTH OF RESERVOIR .03 MILES				
	18. TOTAL DRAINAGE AREA .014 SQ. MI.			22. MEAN ANNUAL PRECIPITATION 26 INCHES				
	19. NET SEDIMENT CONTRIBUTING AREA .013 SQ. MI.			23. MEAN ANNUAL RUNOFF INCHES				
	20. LENGTH MILES		AV. WIDTH MILES		24. MEAN ANNUAL RUNOFF AG.-FT.			
	21. MAX. ELEV.		MIN. ELEV.		25. CLIMATIC CLASSIFICATION Sub-Humid			
SURVEY DATA	26. DATE OF SURVEY	27. PERIOD YEARS	28. ACCL. YEARS	29. TYPE OF SURVEY	30. NO. OF RANGES OR CONTOUR INT.	31. SURFACE AREA ACRES	32. CAPACITY ACRE-FEET	33. C/W RATIO AC.-FT. PER SQ. MI.
	1946	-	-	-	-	0.86	4.22	301.0
	9/20/51	5	5	Range Detailed	2	0.86	3.87	276.4
	26. DATE OF SURVEY	34. PERIOD ANNUAL PRECIPITATION	35. PERIOD WATER INFLOW ACRE-FEET			36. WATER INFL. TO DATE AG.-FT.		
			a. MEAN ANNUAL	b. MAX. ANNUAL	c. PERIOD TOTAL	d. MEAN ANNUAL	b. TOTAL TO DATE	
	26. DATE OF SURVEY	37. PERIOD SEDIMENT DEPOSITS ACRE-FEET			38. TOTAL SED. DEPOSITS TO DATE ACRE-FEET.			
		a. PERIOD TOTAL	b. AV. ANNUAL	c. PER SQ. MI.-YEAR	d. TOTAL TO DATE	e. AV. ANNUAL	c. PER SQ. MI.-YEAR	
	9/20/51	0.35	0.07	5.38	0.35	0.07	5.38	
	26. DATE OF SURVEY	39. AV. DRY WGT. LBS. PER CU. FT.	40. SED. DEP. TONS PER SQ. MI.-YR.		41. STORAGE LOSS PCT.		42. SED. INFLOW PPM	
		a. PERIOD	b. TOTAL TO DATE	a. AV. ANNUAL	b. TOT. TO DATE	c. PERIOD	d. TOT. TO DATE	
9/20/51	70*	8,202	8,202	1.66	8.29	-	-	

\*Assumed

26. DATE OF SURVEY	43. DEPTH DESIGNATION RANGE IN FEET ABOVE, AND BELOW, CREST ELEVATION															
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN DEPTH DESIGNATION															
26. DATE OF SURVEY	44. REACH DESIGNATION PERCENT OF TOTAL ORIGINAL LENGTH OF RESERVOIR															
	0-10	10-20	20-30	30-40	40-50	50-60	60-70	70-80	80-90	90-100	-105	-110	-115	-120	-125	
	PERCENT OF TOTAL SEDIMENT LOCATED WITHIN REACH DESIGNATION															
45. RANGE IN RESERVOIR OPERATION																
WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW AC.-FT.	WATER YEAR	MAX. ELEV.	MIN. ELEV.	INFLOW AC.-FT.									
46. ELEVATION-AREA-CAPACITY DATA																
ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY	ELEVATION	AREA	CAPACITY								
47. REMARKS AND REFERENCES																
<p>Flaxman, E. M. and Hobba, R. L. "Some Factors Affecting Rates of Sedimentation in the Columbia River Basin", March 1954, 20 pp., illus. Being processed for publication</p>																
48. AGENCY SUPPLYING DATA					SCS, Portland, Oregon					49. DATE <u>Nov. 16, 1954</u>						